Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. - 6. Canceled.

7. (Currently Amended) A method of initiating a call between users with reduced call set-up times using one or more telecommunication networks, the method being provided between at least a pair of H.324-like terminals coupled to the one or more telecommunication networks, the method comprising:

transmitting a call signaling message from a first terminal to a second terminal through a telecommunication network to initiate a call;

establishing a bearer channel between the first terminal and the second terminal once the call signaling message has been received by the second terminal;

determining a common mobile level for operation;

providing one or more custom Non-Standard H.245 messages or custom Non-Standard fields in standard messages, the one or more custom H.245 messages or custom Non-Standard fields being associated with one or more set up parameters for an initial predetermined mode of operation;

transmitting the one or more custom Non-Standard H.245 messages or custom Non-Standard fields in standard messages from the first terminal to the second terminal;

transmitting a custom Non-Standard response message associated with the one or more custom Non-Standard H.245 messages or custom Non-Standard fields from the second terminal to the first terminal;

processing the one or more custom H.245 messages or custom Non-Standard fields during a predetermined time period; and

establishing the initial predetermined mode of operation between the first terminal and the second terminal through the bearer channel based upon at least one or more of the custom H.245 messages or custom Non-Standard fields; and

transmitting media including at least one of video, audio, or data on a logical channel, the media associated with the initial predetermined mode of operation from the first terminal to the second terminal, wherein transmitting is performed prior to completing a standard H.245 Open Logical Channel procedure associated with the logical channel.

8. (Original) The method of claim 7 wherein the one or more custom Non-Standard H.245 messages are represented themselves as one or more Non-Standard Capabilities embedded in a H.245 terminal capability set request message.

9. (Original) The method of claim 7 wherein one or more user preferences, either coded or explicit, are provided in one of the custom Non-Standard H.245 messages.

10. - 28. Canceled.

29. (Currently Amended) A computer-readable medium including instructions for initiating a call between users with reduced call set-up times using one or more telecommunication networks, the computer-readable medium being provided between at least a pair of H.324-like terminals coupled to the one or more telecommunication networks, the computer-readable medium comprising:

one or more instructions for transmitting a call signaling message from a first terminal to a second terminal through a telecommunication network to initiate a call;

one or more instructions for establishing a bearer channel between the first terminal and the second terminal once the call signaling message has been received by the second terminal;

one or more instructions for determining a common mobile level for operation;

one or more instructions for providing one or more custom Non-Standard H.245 messages or custom Non-Standard fields in standard messages, the one or more custom H.245 messages or custom Non-Standard fields being associated with one or more set up parameters for an initial predetermined mode of operation;

one or more instructions for transmitting the one or more custom Non-Standard H.245 messages or custom Non-Standard fields in standard messages from the first terminal to the second terminal;

one or more instructions for transmitting a custom Non-Standard response message associated with the one or more custom Non-Standard H.245 messages or custom Non-Standard fields from the second terminal to the first terminal;

one or more instructions for processing the one or more custom H.245 messages or custom Non-Standard fields during a predetermined time period; and

one or more instructions for establishing the initial predetermined mode of operation between the first terminal and the second terminal through the bearer channel based upon at least one or more of the custom H.245 messages or custom Non-Standard fields; and

one or more instructions for transmitting media including at least one of video, audio, or data on a logical channel, the media associated with the initial predetermined mode of operation from the first terminal to the second terminal, wherein transmitting is performed prior to completing a standard H.245 Open Logical Channel procedure associated with the logical channel.

30. (Original) The computer-readable medium of claim 29 wherein the one or more custom Non-Standard H.245 messages are represented themselves as one or more Non-Standard Capabilities embedded in a H.245 terminal capability set request message.

31. (Original) The computer-readable medium of claim 29 wherein one or more user preferences, either coded or explicit, are provided in one of the custom Non-Standard H.245 messages.

32. - 44. Canceled.

45. (Currently Amended) A method of ~~initiating~~ reducing a set-up time for a call between users ~~with reduced call set-up times using~~ of one or more 3G telecommunication networks, the method being provided between at least a pair of H.324-like devices coupled to the one or more 3G telecommunication networks, the method comprising:

transmitting a call signaling message from a first device to a second device through a telecommunication network to initiate a call;

establishing a bearer channel between the first device and the second device once the call signaling message has been received by the second device;

determining a mobile level for operation;

providing one or more custom H.245 messages or custom fields in one or more standard H.245 messages, the one or more custom H.245 messages or custom fields being associated with one or more parameters for a mode of operation, wherein a content of the one or more custom H.245 messages or custom fields includes a signal that the first device is capable of performing a procedure for reducing the set-up time for the call;

transmitting the one or more custom H.245 messages or custom fields in the one or more standard H.245 messages;

processing the one or more custom H.245 messages or custom fields; and

establishing the mode of operation between the first device and the second device through the bearer channel based upon at least one or more of the one or more custom H.245 messages or custom fields.

46. (Previously Presented) The method of claim 45 wherein the one or more custom H.245 messages are represented themselves as one or more Capabilities embedded in a H.245 Terminal Capability Set request message.

47. (Previously Presented) The method of claim 45 wherein one or more user preferences, either predetermined, predefined, or explicit, are provided in one of the one or more custom H.245 messages.

48. (Previously Presented) The method of claim 45 wherein the one or more custom H.245 messages or custom fields are transmitted in one or more SRP frames.

49. (Previously Presented) The method of claim 48 wherein the one or more SRP frames are transmitted from the first device within a round trip cycle time prior to receiving one or more corresponding SRP acknowledgment responses from the second device.

50. (Previously Presented) The method of claim 48 further comprising using a sliding window to transmit an additional SRP frame from the first device to the second device prior to receiving a corresponding SRP acknowledgment response from the second device.

51. (Currently Amended) The method of claim 48 wherein the one or more SRP frames are associated with independent H.245 procedures, wherein the independent H.245 procedures are either standard H.245 procedures or custom H.245 procedures, and are transmitted from the first device prior to receiving one or more corresponding SRP acknowledgment responses from the second device.

52. (Previously Presented) The method of claim 48 further comprising:

receiving one or more SRP acknowledgment responses at the first device;

identifying the one or more SRP acknowledgement responses; and

associating the identified one or more SRP acknowledgment responses with a corresponding SRP frame from the one or more SRP frames.

53. (Previously Presented) The method of claim 52 wherein the one or more SRP acknowledgment responses are one or more numbered SRP acknowledgment responses.

54. (Previously Presented) The method of claim 48 further comprising:

receiving a first SRP frame of the one or more SRP frames at the second device; and

determining a capability associated with the first device based on receiving the first SRP frame.

55. (Previously Presented) The method of claim 54 wherein the capability comprises a TCS capability indication.

56. (Previously Presented) The method of claim 54 wherein determining a capability comprises determining an alternative header is used in the first SRP frame.

57. (Previously Presented) The method of claim 48 further comprising repeating a transmission of the one or more SRP frames, thereby improving reliability against channel errors.

58. (Previously Presented) The method of claim 48 further comprising repeating a transmission of the one or more SRP frames after not receiving a corresponding SRP acknowledgment response in a predetermined time period.

59. (Previously Presented) The method of claim 45 further comprising transferring one or more messages to establish one or more logical channels after establishing the mode of operation.

60. (Previously Presented) The method of claim 45 further comprising transmitting media after the one or more custom H.245 messages or custom fields.

61. (Previously Presented) The method of claim 45 further comprising performing a session setup process.

62. (Previously Presented) The method of claim 45 further comprising forming a message group by concatenating the one or more custom H.245 messages and the one or more standard H.245 messages into a single SRP frame to communicate a terminal capability, a preference mode, a logical channel opening request, or a multiplexer table configuration.

63. (Previously Presented) The method of claim 62 wherein the message group comprises a Terminal Capability Set and a Master Slave Determination.

64. (Previously Presented) The method of claim 63 wherein the message group further comprises a custom message included in the Terminal Capability Set.

65. (Previously Presented) The method of claim 64 wherein the message group further comprises an Open Logical Channel request.

66. (Previously Presented) The method of claim 63 wherein the message group further comprises an Open Logical Channel request.

67. (Previously Presented) The method of claim 66 wherein the message group further comprises a Multiplexer Table Entry request.

68. (Previously Presented) The method of claim 62 wherein the message group comprises a Master Slave Determination and an Open Logical Channel request.

69. (Previously Presented) The method of claim 62 wherein the message group comprises a Terminal Capability Set and one or more custom messages.

70. (Previously Presented) The method of claim 69 wherein the message group further comprises an Open Logical Channel request.

71. (Previously Presented) The method of claim 70 wherein the message group further comprises a Multiplexer Table Entry request.

72. (Previously Presented) The method of claim 69 wherein the message group further comprises a Multiplexer Table Entry request.

73. (Previously Presented) The method of claim 45 further comprising transmitting a custom Non-Standard response message associated with the one or more custom Non-Standard H.245 messages or custom Non-Standard fields.

74. (Currently Amended) A computer-readable medium including instructions for initiating a call between users with reduced call set-up times using one or more 3G telecommunication networks, the computer-readable medium being provided between at least a pair of H.324-like devices coupled to the one or more 3G telecommunication networks, the computer-readable medium comprising:

one or more instructions for transmitting a call signaling message from a first device to a second device through a telecommunication network to initiate a call;

one or more instructions for establishing a bearer channel between the first device and the second device once the call signaling message has been received by the second device;

one or more instructions for determining a mobile level for operation;

one or more instructions for providing one or more custom H.245 messages or custom fields in one or more standard H.245 messages, the one or more custom H.245 messages or custom fields being associated with one or more parameters for a mode of operation, wherein

a content of the one or more custom H.245 messages or custom fields includes a signal that the first device is capable of performing a procedure for reducing the set-up time for the call;

one or more instructions for transmitting the one or more custom H.245 messages or custom fields in the one or more standard H.245 messages;

one or more instructions for processing the one or more custom H.245 messages or custom fields; and

one or more instructions for establishing the mode of operation between the first device and the second device through the bearer channel based upon at least one or more of the one or more custom H.245 messages or custom fields.

75. (Previously Presented) The computer-readable medium of claim 74 wherein the one or more custom H.245 messages are represented themselves as one or more Capabilities embedded in a H.245 Terminal Capability Set request message.

76. (Previously Presented) The computer-readable medium of claim 74 wherein one or more user preferences, either predetermined, predefined, or explicit, are provided in one of the one or more custom H.245 messages.

77. (Previously Presented) The computer-readable medium of claim 74 wherein the one or more custom H.245 messages or custom fields are transmitted in one or more SRP frames.

78. (Previously Presented) The computer-readable medium of claim 77 wherein the one or more SRP frames are transmitted from the first device within a round trip cycle time prior to receiving one or more corresponding SRP acknowledgment responses from the second device.

79. (Previously Presented) The computer-readable medium of claim 77 further comprising using a sliding window to transmit an additional SRP frame from the first device to the second device prior to receiving a corresponding SRP acknowledgment response from the second device.

80. (Currently Amended) The computer-readable medium of claim 77 wherein the one or more SRP frames are associated with independent H.245 procedures, wherein the independent H.245 procedures are either standard H.245 procedures or custom H.245 procedures and are transmitted from the first device prior to receiving one or more corresponding SRP acknowledgment responses from the second device.

81. (Previously Presented) The computer-readable medium of claim 77 further comprising:

receiving one or more SRP acknowledgment responses at the first device;

identifying the one or more SRP acknowledgement response; and

associating the identified one or more SRP acknowledgment responses with a corresponding SRP frame from the one or more SRP frames.

82. (Previously Presented) The computer-readable medium of claim 81 wherein the one or more SRP acknowledgment responses are one or more numbered SRP acknowledgment responses.

83. (Previously Presented) The computer-readable medium of claim 77 further comprising:

receiving a first SRP frame of the one or more SRP frames at the second device; and

determining a capability associated with the first device based on receiving the first SRP frame.

84. (Previously Presented) The computer-readable medium of claim 83 wherein the capability comprises a TCS capability indication.

85. (Previously Presented) The computer-readable medium of claim 83 wherein determining a capability comprises determining an alternative header is used in the first SRP frame.

86. (Previously Presented) The computer-readable medium of claim 77 further comprising repeating a transmission of the one or more SRP frames, thereby improving reliability against channel errors.

87. (Previously Presented) The computer-readable medium of claim 77 further comprising repeating a transmission of the one or more SRP frames after not receiving a corresponding SRP acknowledgment response in a predetermined time period.

88. (Previously Presented) The computer-readable medium of claim 74 further comprising transferring one or more messages to establish one or more logical channels after establishing the mode of operation.

89. (Previously Presented) The computer-readable medium of claim 74 further comprising transmitting media after the one or more custom H.245 messages or custom fields.

90. (Previously Presented) The computer-readable medium of claim 74 further comprising performing a session setup process.

91. (Previously Presented) The computer-readable medium of claim 74 further comprising forming a message group by concatenating the one or more custom H.245 messages and the one or more standard H.245 messages into a single SRP frame to communicate a terminal capability, a preference mode, a logical channel opening request, or a multiplexer table configuration.

92. (Previously Presented) The computer-readable medium of claim 91 wherein the message group comprises a Terminal Capability Set and a Master Slave Determination.

93. (Previously Presented) The computer-readable medium of claim 92 wherein the message group further comprises a custom message included in the Terminal Capability Set.

94. (Previously Presented) The computer-readable medium of claim 93 wherein the message group further comprises an Open Logical Channel request.

95. (Previously Presented) The computer-readable medium of claim 92 wherein the message group further comprises an Open Logical Channel request.

96. (Previously Presented) The computer-readable medium of claim 95 wherein the message group further comprises a Multiplexer Table Entry request.

97. (Previously Presented) The computer-readable medium of claim 91 wherein the message group comprises a Master Slave Determination and an Open Logical Channel request.

98. (Previously Presented) The computer-readable medium of claim 91 wherein the message group comprises a Terminal Capability Set and one or more custom messages.

99. (Previously Presented) The computer-readable medium of claim 98 wherein the message group further comprises an Open Logical Channel request.

100. (Previously Presented) The computer-readable medium of claim 99 wherein the message group further comprises a Multiplexer Table Entry request.

101. (Previously Presented) The computer-readable medium of claim 98 wherein the message group further comprises a Multiplexer Table Entry request.

102. (Previously Presented) The computer-readable medium of claim 74 further comprising transmitting a custom Non-Standard response message associated with the one or more custom Non-Standard H.245 messages or custom Non-Standard fields.

103. (New) The method of claim 7 wherein the standard H.245 Open Logical Channel procedure comprises sending an H.245 Open Logical Channel Request from the first terminal to the second terminal and receiving, at the first terminal, an H.245 Open Logical Channel Response from the second terminal.